S20	793	S19 load sensors	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/05/06 09:15
S21	0	("s7and(opticalsamesensor)").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/06 09:19
S22	0	(271/110and(opticalsamesensor)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/06 09:19
S23	0	271/110and(opticalsamesensor)	USPAT	OR	OFF	2005/05/06 09:20
S24	0	271/110and(optical same sensor)	USPAT	AND	OFF	2005/05/06 09:20
S25	294	(271/110).CCLS.	USPAT; USOCR	OR	OFF	2005/05/06 09:20
S26	0	("optic$3same(sensorordetector)"). PN.	USPAT; USOCR	OR	OFF	2005/05/06 09:21
S27	111983	optic$3 same (sensor or detector)	USPAT	OR	OFF	2005/05/06 09:21
S28	36	S27 and S25	USPAT	OR	OFF	2005/05/06 09:24
S29	1040292	probe or shaft or handle or needle	USPAT	OR	OFF	2005/05/06 09:27
S30	1214543	S29 or arm	USPAT	OR	OFF	2005/05/06 09:27
S31	13773	S27 same S30	USPAT	OR	OFF	2005/05/06 09:28
S32	10	S31 and S25	USPAT	OR	OFF	2005/05/06 09:40
S33	4511	((358/498,474) or (271/110,117)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/06 09:41
S34	0	("photodetectororphoto-detectororp hotosensororphotosensingorLEDor(li ghtsameemit%4same(diodeorlaser))").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/06 09:42
S35	273608	photodetector or photo-detector or photosensor or photosensing or LED or(light same emit$4 same(diode or laser))	USPAT	OR	OFF	2005/05/06 09:43
S36	337242	S35 or S27	USPAT	OR	OFF	2005/05/06 09:44
S37	1099	S36 and S33	USPAT	OR	OFF	2005/05/06 09:44

S38	259	271/110.ccls.	USPAT	OR	OFF	2005/05/06 09:44
S39	80	S37 and S38	USPAT	OR	OFF	2005/05/06 09:45
S40	32067	S30 same S36	USPAT	OR	OFF	2005/05/06 09:45
S41	133	S40 and S33	USPAT	OR	OFF	2005/05/06 09:46
S42	22	S41 and S38	USPAT	OR	OFF	2005/05/06 09:46
S43	7	("4449705" | "5028041" | "5552859" | "5732307" | "5743522" | "5944430" | "6247695").PN. OR ("6651977").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/06 10:57
S44	14	("3902713" | "3968364" | "4585221" | "5016864" | "5311031" | "5447301" | "5507478" | "5622364" | "5700003" | "5842694").PN. OR ("5915690"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/06 11:27
S45	12	("4566547" | "5177544" | "5347350").PN. OR ("5700003"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/06 11:32
S46	7	("4449705" | "5028041" | "5552859" | "5732307" | "5743522" | "5944430" | "6247695").PN. OR ("6651977").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/06 11:43
S47	9	("3961786" | "4368881" | "4869490" | "5029837" | "5039080" | "5580040" | "5651542").PN. OR ("6439564").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/06 11:44
S48	6	("4801135" | "4852869").PN. OR ("5123637").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/06 11:47
S49	7	("4449705" | "5028041" | "5552859" | "5732307" | "5743522" | "5944430" | "6247695").PN. OR ("6651977").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/06 11:56
S50	1	"6651977"	USPAT	OR	OFF	2005/05/06 12:10
S51	2	"6651977"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 16:08
S52	16	"5678817"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 16:10

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		optic$3same(sensorordetector)	USPAT	OR	OFF	2005/05/06 09:21
S1	2	("5700003").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/06 09:18
S2	2	"6206362"	USPAT	OR	OFF	2005/05/05 09:48
S3	9	"5236348"	USPAT	OR	OFF	2005/05/05 12:49
S4	12	("4566547" | "5177544" | "5347350").PN. OR ("5700003").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/05 14:34
S5	12	("4566547" | "5177544" | "5347350").PN. OR ("5700003").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/05 14:45
S6	18	("4879575" | "4888617" | "4963941" | "5028041" | "5076563" | "5204726" | "5332207" | "5443359" | "5446524" | "5629672" | "5700003" | "5745158").PN. OR ("5897112").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/05 14:52
S7	664	271/110	USPAT	OR	OFF	2005/05/05 16:59
S8	681	271/110	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/05 16:59
S9	516458	Conveyor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/05 17:00
S10	48755	S9 sensors	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/05/05 17:01
S11	869	S10 moveable platform	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/05/05 17:02

S12	16231	S10 movable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/05/05 17:03
S13	307	S11 detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/05/06 08:53
S14	92117	"618"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/05/06 08:57
S15	2880	S14 detector Probe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/05/06 08:59
S16	986	S15 load detection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/05/06 09:01
S17	214	S16 printer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/05/06 09:05
S18	63640	"644"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/05/06 09:10
S19	4288	S18 printer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/05/06 09:11

S20	793	S19 load sensors	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/05/06 09:15
S21	0	("s7and(opticalsamesensor)").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/06 09:19
S22	0	(271/110and(opticalsamesensor)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/06 09:19
S23	0	271/110and(opticalsamesensor)	USPAT	OR	OFF	2005/05/06 09:20
S24	0	271/110and(optical same sensor)	USPAT	AND	OFF	2005/05/06 09:20
S25	294	(271/110).CCLS	USPAT; USOCR	OR	OFF	2005/05/06 09:20
S26	0	("optic$3same(sensorordetector)"). PN.	USPAT; USOCR	OR	OFF	2005/05/06 09:21
S27	111983	optic$3 same (sensor or detector)	USPAT	OR	OFF	2005/05/06 09:21
S28	36	S27 and S25	USPAT	OR	OFF	2005/05/06 09:24
S29	1040292	probe or shaft or handle or needle	USPAT	OR	OFF	2005/05/06 09:27
S30	1214543	S29 or arm	USPAT	OR	OFF	2005/05/06 09:27
S31	13773	S27 same S30	USPAT	OR	OFF	2005/05/06 09:28
S32	10	S31 and S25	USPAT	OR	OFF	2005/05/06 09:40
S33	4511	((358/498,474) or (271/110,117)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/06 09:41
S34	0	("photodetectororphoto-detectororp hotosensororphotosensingorLEDor(li ghtsameemit%4same(diodeorlaser))").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/06 09:42
S35	273608	photodetector or photo-detector or photosensor or photosensing or LED or(light same emit$4 same(diode or laser))	USPAT	OR	OFF	2005/05/06 09:43
S36	337242	S35 or S27	USPAT	OR	OFF	2005/05/06 09:44
S37	1099	S36 and S33	USPAT	OR	OFF	2005/05/06 09:44

S38	259	271/110.ccls.	USPAT	OR	OFF	2005/05/06 09:44
S39	80	S37 and S38	USPAT	OR	OFF	2005/05/06 09:45
S40	32067	S30 same S36	USPAT	OR	OFF	2005/05/06 09:45
S41	133	S40 and S33	USPAT	OR	OFF	2005/05/06 09:46
S42	22	S41 and S38	USPAT	OR	OFF	2005/05/06 09:46
S43	7	("4449705" | "5028041" | "5552859" | "5732307" | "5743522" | "5944430" | "6247695").PN. OR ("6651977").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/06 10:57
S44	14	("3902713" | "3968364" | "4585221" | "5016864" | "5311031" | "5447301" | "5507478" | "5622364" | "5700003" | "5842694").PN. OR ("5915690"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/06 11:27
S45	12	("4566547" | "5177544" | "5347350").PN. OR ("5700003"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/06 11:32
S46	7	("4449705" | "5028041" | "5552859" | "5732307" | "5743522" | "5944430" | "6247695").PN. OR ("6651977").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/06 11:43
S47	9	("3961786" | "4368881" | "4869490" | "5029837" | "5039080" | "5580040" | "5651542").PN. OR ("6439564").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/06 11:44
S48	6	("4801135" | "4852869").PN. OR ("5123637").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/06 11:47
S49	7	("4449705" | "5028041" | "5552859" | "5732307" | "5743522" | "5944430" | "6247695").PN. OR ("6651977").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/06 11:56
S50	1	"6651977"	USPAT	OR	OFF	2005/05/06 12:10
S51	2	"6651977"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 16:08
S52	16	"5678817"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 16:10

S20	793	S19 load sensors	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/05/06 09:15
S21	0	("s7and(opticalsamesensor)").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/06 09:19
S22	0	(271/110and(opticalsamesensor)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/06 09:19
S23	0	271/110and(opticalsamesensor)	USPAT	OR	OFF	2005/05/06 09:20
S24	0	271/110and(optical same sensor)	USPAT	AND	OFF	2005/05/06 09:20
S25	294	(271/110).CCLS.	USPAT; USOCR	OR	OFF	2005/05/06 09:20
S26	0	("optic$3same(sensorordetector)"). PN.	USPAT; USOCR	OR	OFF	2005/05/06 09:21
S27	111983	optic$3 same (sensor or detector)	USPAT	OR	OFF	2005/05/06 09:21
S28	36	S27 and S25	USPAT	OR	OFF	2005/05/06 09:24
S29	1040292	probe or shaft or handle or needle	USPAT	OR	OFF	2005/05/06 09:27
S30	1214543	S29 or arm	USPAT	OR	OFF	2005/05/06 09:27
S31	13773	S27 same S30	USPAT	OR	OFF	2005/05/06 09:28
S32	10	S31 and S25	USPAT	OR	OFF	2005/05/06 09:40
S33	4511	((358/498,474) or (271/110,117)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/06 09:41
S34	0	("photodetectororphoto-detectororp hotosensororphotosensingorLEDor(li ghtsameemit%4same(diodeorlaser))").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/06 09:42
S35	273608	photodetector or photo-detector or photosensor or photosensing or LED or(light same emit$4 same(diode or laser))	USPAT	OR	OFF	2005/05/06 09:43
S36	337242	S35 or S27	USPAT	OR	OFF	2005/05/06 09:44
S37	1099	S36 and S33	USPAT	OR	OFF	2005/05/06 09:44

S38	259	271/110.ccls.	USPAT	OR	OFF	2005/05/06 09:44
S39	80	S37 and S38	USPAT	OR	OFF	2005/05/06 09:45
S40	32067	S30 same S36	USPAT	OR	OFF	2005/05/06 09:45
S41	133	S40 and S33	USPAT	OR	OFF	2005/05/06 09:46
S42	22	S41 and S38	USPAT	OR	OFF	2005/05/06 09:46
S43	7	("4449705" | "5028041" | "5552859" | "5732307" | "5743522" | "5944430" | "6247695").PN. OR ("6651977").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/06 10:57
S44	14	("3902713" | "3968364" | "4585221" | "5016864" | "5311031" | "5447301" | "5507478" | "5622364" | "5700003" | "5842694").PN. OR ("5915690"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/06 11:27
S45	12	("4566547" | "5177544" | "5347350").PN. OR ("5700003"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/06 11:32
S46	7	("4449705" | "5028041" | "5552859" | "5732307" | "5743522" | "5944430" | "6247695").PN. OR ("6651977").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/06 11:43
S47	9	("3961786" | "4368881" | "4869490" | "5029837" | "5039080" | "5580040" | "5651542").PN. OR ("6439564").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/06 11:44
S48	6	("4801135" | "4852869").PN. OR ("5123637").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/06 11:47
S49	7	("4449705" | "5028041" | "5552859" | "5732307" | "5743522" | "5944430" | "6247695").PN. OR ("6651977").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/06 11:56
S50	1	"6651977"	USPAT	OR	OFF	2005/05/06 12:10
S51	2	"6651977"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 16:08
S52	16	"5678817"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 16:10